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Claim Amendments

A listing of the claims, including Claims 16, 24, 36, 37, 52, 58, 76, 77, 82, 87-96 and 104 as currently canceled and new Claims 117-135 as added, is set forth below.

- 1-116. (Canceled)
- 117. (New) A method of
- (a) determining whether a patient with B cell chronic lymphocytic leukemia (B-CLL) has a form of B-CLL susceptible to treatment directed to eliminating idiotype-specific B cell receptor-bearing B-CLL cells, or
- (b) following the progression of treatment of B-CLL in a patient having a form of B-CLL susceptible to treatment directed to eliminating idiotype-specific B cell receptor-bearing B-CLL cells,

the method comprising determining whether the B cell receptors on the B-CLL cells are encoded by antibody genes comprising a light chain antibody gene and a heavy chain antibody gene, wherein the light chain antibody gene and the heavy chain antibody gene are selected from the group consisting of $V_H4-39/D6-13/J_H5/V_L\kappaO12/2/J_L\kappa1/\kappa2$ (Set I), $V_H4-34/D5-5/J_H6/V_L\kappaA17/J_L\kappa1/\kappa2$ (Set II), $V_H3-21/J_H6/V_L\kappaO12/2/J_L\kappa1/\kappa2$ (Set III), $V_H1-69/D3-16/J_H6/V_L\kappa012/2/J_L\kappa1/\kappa2$ (Set IV), $V_H1-69/D3-10/J_H6/V_L\kappa1c/J_L\lambda1$ (Set V), $V_H1-02/D6-19/J_H4/V_L\kappa012/2/J_L\kappa1/\kappa2$ (Set VIa), $V_H1-03/D6-19/J_H4/V_L\kappa012/2/J_L\kappa1/\kappa2$ (Set VIb), $V_H1-18/D6-19/J_H4/V_L\kappa012/2/J_L\kappa1/\kappa2$ (Set VIc), $V_H1-69/D3-3/J_H4/V_L\kappa012/2/J_L\kappa2$ (Set VIc), $V_H1-69/D3-3/J_H4/V_L\kappa012/2/J_L\kappa2$ (Set VIc), $V_H1-69/D3-3/J_H4/V_L\kappa012/2/J_L\kappa2$ (Set VIc), $V_H1-69/D3-3/J_H4/V_L\kappa012/2/J_L\kappa2$ (Set VII), wherein if the B cell receptors on the B-CLL cells have an idiotype encoded by the antibody genes, the patient has a form of B-CLL sells.

118. (New) The method of claim 117, for determining whether a patient with B cell chronic lymphocytic leukemia (B-CLL) has a form of B-CLL susceptible to treatment directed to eliminating idiotype-specific B cell receptor-bearing B-CLL cells.

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119. (New) The method of claim 117, for following the progression of treatment of B-CLL in a patient having a form of B-CLL susceptible to treatment directed to eliminating idiotype-specific B cell receptor-bearing B-CLL cells.

- 120. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is $V_{II}4-39/D6-13/J_{II}5/V_{LK}012/2/J_{LK}1/\kappa^2$ (Set I).
- 121. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is V_{II}4-34/D5-5/J_{II}6/V_I×A17/J_Ix1/κ2 (Set II).
- 122. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is $V_{II}3$ -21/ $J_{II}6/V_L\lambda 3h/J_L\lambda 3$ (Set III).
- 123. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is V_{II}1-69/D3-16/J_{II}3/V₁κΑ27/J₁κ1/κ4 (Set IV).
- 124. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is $V_H 1-69/D3-10/J_H6/V_1\lambda 1c/J_1\lambda 1$ (Set V).
- 125. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is $V_{\rm H}1$ -02/D6-19/J_H4/V_L κ 012/2/J_L κ 1/ κ 2 (Set VIa).
- 126. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is V_H1-03/D6-19/J_H4/V_LxO12/2/J_Lx1/κ2 (Set VIb).
- 127. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is $V_{\rm H}1$ -18/D6-19/J $_{\rm H}4$ /V $_{\rm L}$ xO12/2/J $_{\rm L}$ xI (Set VIc).
- 128. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is $V_{\rm H}1$ -46/D6-19/J_H4 (Set VId).
- 129. (New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is V_H5-51/D6-19/J_H4/V_{LK}O12/2/J_LK2 (Set VIe).

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(New) The method of claim 117, wherein the light chain antibody gene and the heavy chain antibody gene is V_H1-69/D3-3/J_H4/V_LκA19/J_Lκ4 (Set VII).

- (New) The method of claim 117, wherein the light chain antibody gene and the 131. heavy chain antibody gene is V_{II}1-69/D2-2/J_{II}6/V_LκL6/2/J_Lκ3 (Set VIII).
 - 132. (New) The method of claim 117, wherein the patient is pre-leukemic.
 - 133. (New) The method of claim 117, wherein the patient is in an early leukemic state.
 - 134. (New) The method of claim 117, wherein the patient is in a frank leukemic state.
- (New) The method of claim 117, wherein the B-CLL cells from blood of the 135. patient are evaluated.